

References:

- TR-TSY-000009 Asynchronous Digital Multiplexes Requirements and Objectives, Issue 1, May 1986.
- TR-TSY-000010 Synchronous DS3 Add-Drop Multiplex (ADM 3/X) Requirements and Objectives, Issue 1, February 1988.
- Ameritech - See GA-342 High Capacity Digital Special Access Service Transmission Parameter Limits and Interface Combinations, Issue 1, December 1995 (replaces TR-INA-000342, Issue 1)

This service, if offered as a BSE, is associated with the Dedicated Voice Grade and the Dedicated High Capacity basic serving arrangements.

For Ameritech, DS1 to DDS/DS0 and DS1 to Voice/Base Rate are associated with Dedicated High Capacity Digital (1.544 Mbps) type BSA; DS3 to DS1 is associated with Dedicated High Capacity Digital (>1.544 Mbps) type BSA.

DS3/DS1 multiplexer is associated with the Dedicated Digital 45 Mbps BSA.

**Route Diversity \*\***

**\*\* NOTE - this capability was moved to the main section of the ONA Services User Guide for the July 1993 update.**

**User Initiated Diagnostics (4009)**

This capability will allow ESPs to electronically report and check the status of local and access, circuit and line troubles into support systems. Customers may also receive hard copy printouts.

Generic Name of ONA Service	Product Name	BSE or CNS
User Initiated Diagnostics	BS - Administrative Management Service (AMS)	BSE or CNS

**FEATURE OPERATION:**

A new offering, currently using the BellSouth project name of Administrative Management Service (AMS), will provide a mechanized interface for customers to access this service.

This service will be offered on a dial-up or dedicated basis. The ESPs will not have direct access to the Order Entry System, but will have access through the AMS front-end processor. The front-end processor will provide the necessary security and information screening.

References: not available.

This service, if offered as a BSE, is associated with the Access To Operations Support Systems Information BSE (which is associated with the Dedicated Digital (< 64 kbps) basic serving arrangement).

**Versanet (8053)**

Versanet is a derived channel transport service. Versanet is only available on an intrastate basis. Please refer to the appropriate Tariff Reference data for availability in any specific state.

Generic Name of ONA Service	Product Name	BSE or CNS
Versanet	Qwest - Versanet	CNS

References: Not available.

**5. Appendix 1 - Region Specific Services - Technical Descriptions for Dedicated Network Access Link Serving Arrangements**

**Expedited Testing Service \***

*\* Note - this service was deleted due to technical difficulties.*

**Message Waiting Indicator Activation (Visual) - Expanded**

**\*\* NOTE** - this service was formerly 2003, but is now service 1101 in the main section of the ONA Services User Guide for the July 1996 update and later.

**Order Entry Service (8011)**

This capability delivers to an ESP the ANI of callers to certain telephone numbers along with the called number. **The call is not delivered to the ESP.** The ANI and called number are forwarded by the telephone company via a private line data link. This capability currently supports cable television pay-per-view applications. The ANI identifies which client ordered the service and the called number indicates which service (television broadcast) was ordered.

Generic Name of ONA Service	Product Name	BSE or CNS
Order Entry Service	Qwest - ANI Order Entry Service	BSE

References: not available.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link basic serving arrangement.

### Initial Address Message (2006)

Signaling System Seven (SS7) provides out of band transmission of SS7 protocol signaling information between the end office switching system or the tandem office switching system and the customer's designated premises. The SS7 Signaling option requires the customer to purchase Signal Transfer Point Access and the Basic Initial Address Message Delivery option. This feature is available in SS7 signaling equipped end or tandem offices with Feature Group D and terminating Feature Group B.

The Initial Address Message provides the ESP a common switching optional feature using an SS7 message along with other information relating to the routing and handling of the call to the next switch.

The Initial Address Message Delivery option requires the customer to purchase Signal Point Access and SS7 Signaling option.

Generic Name of ONA Service	Product Name	BSE or CNS
Initial Address Message	AM - Initial Address Message	BSE

### FEATURE OPERATION:

This Initial Address Message option permits the following optional SS7 signaling call setup parameters: User Service Information, Called Party Number, Calling Party Number, Charge Number, Originating Line Information, Transit Network Selection, Carrier Selection, Service Code and Access Transport.

User Service Information is an SS7 Parameter which may be coded to indicate any one of four circuit mode bearer points for addressing ISDN customer premises equipment.

The Called Party Number parameter is the called directory number delivery.

Calling Party Number is available on a direct SS7 equipped end office connection or a connection to the access tandem when there is not Multifrequency and SS7 signaling interworking.

The Charge Number parameter is the Automatic Number Identification number (ANI). (See Calling Billing Number Delivery - FG D Protocol).

Originating Line Information parameter via SS7 is equivalent to the information digits provided with ANI digits to an interexchange carrier. This data identifies the following items: that (1) the originating telephone number is the station billing number, no special treatment is required, (2) it is a multiparty line - the telephone number is a four/eight-party line and cannot be identified - number must be obtained by operator or some other manner, (3) and ANI failure has occurred, (4) this is a hotel/motel originating call, (5) this is a coinless station, hospital, inmate, etc. call requiring special screening or handling, (6) the call is an Automatic Identified Outward Dialed (AIOD) call from customer premises equipment (CPE).

Transit Network Selection is an SS7 parameter which indicates to an intermediate node or network which carrier and circuit group is to be selected.



Carrier Selection is an SS7 parameter which identifies whether the originating line is presubscribed to an interexchange carrier or not. If the line was presubscribed this parameter will report if the end user dialed 10XXX (and/or 101XXXX), did not dial 10XXX (and/or 101XXXX), or that no indication of dialing is available.

Service Code is an SS7 parameter which allows individual calls to be identified and routed based on specific service characteristics.

Access Transport is an SS7 parameter used to transport ISDN user information across the network. This information is transparent to the local exchange carrier.

#### TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	1A ESS	5ESS	DMS-100
Earliest Generic Release	1AE11	5E6	BCS30

2. References:

- Ameritech Technical reference AM-TR-OAT-000069, Issue 3, August 1993 - Ameritech Supplement Common Channel Signaling (CCS) Network Interface Specification.
- Technical Reference GR-317 LSSGR: Switching System Generic Requirements for Call Control Using the Integrated Services Digital Network User Part (ISDNUP), Issue 2, December 1997, Revision 1 – November 1998, Issue 3 – November 1999, (replaces TR-NWT-000317, Issue 4).
- Technical Reference GR-394 LSSGR: Switching System Generic Requirements for Interexchange Carrier Interconnection (ICI) Using the Integrated Services Digital Network User Part (ISDNUP), (module of LSSGR, FR-64), Issue 2, December 1997, Revision 1 – November 1998, Issue 3 – November 1999, (replaces TR-NWT-000394, Issue 4).
- Technical Reference GR-905 Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and ISDN User Part (ISDNUP), Issue 2, December 1996, Revision 1 – December 1997, Revision 2 – December 1998, (replaces TR-TSV-000905, Issue 2), Issue 3 – December 1999.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link BSA.

**Coordinated Voice and Data Acceptance (2007)**

Coordinated Voice and Data Acceptance allows for the simultaneous delivery of voice and data for incoming calls. Additional caller information may be requested to provide information to the agent line; however, this is determined by the host computer application. If the customer wants the capability of having the host computer send the customer information automatically to the agents' lines, then Caller ID must be ordered on the Automatic Call Distributor Centrex line.

Generic Name of ONA Service	Product Name	BSE or CNS
Coordinated Voice and Data Acceptance	AM - Coordinated Voice and Data Acceptance	BSE

**FEATURE OPERATION:**

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Coordinated Voice and Data Acceptance feature accommodates, via the exchange of data messages on the DNAL, various feature interactions between the ESP's host computer and the telephone company. Features that may interact with a host computer using this feature include Computer Assisted Dialing Acceptance, Call Redirection Acceptance, and Computer Assisted Call Transfer Acceptance.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.
3. References:
  - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

**Computer Assisted Dialing Acceptance (2010)**

Computer Assisted Dialing Acceptance allows the customer's host computer to notify the telephone company equipment to place a call to a selected number on behalf of a particular agent. The computer dials the number and when the call is answered then the called party is connected to an agent. Customers using this feature must comply with the provisions of the Telephone Consumer Protection Act of 1991 as set forth in Part 64 and Part 68 of the Federal Communication Commission's Rules.

<b>Generic Name of ONA Service</b>	<b>Product Name</b>	<b>BSE or CNS</b>
Computer Assisted Dialing Acceptance	AM - Computer Assisted Dialing Acceptance	BSE

**FEATURE OPERATION:**

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Computer Assisted Dialing Acceptance feature accommodates, via the exchange of data messages on the DNAL, the dialing of the called number with presenting an answered call to the agent's telephone in conjunction with the agent's host computer presentation of customer or subject specific data to the agent's computer terminal. Only calls receiving an answer condition will be presented to the agent.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

<b>Switch Type</b>	<b>DMS-100</b>
<b>Earliest Generic Release</b>	<b>BCS33</b>

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.

3. References:

- Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

**Computer Assisted Call Transfer Acceptance (2009)**

Computer Assisted Call Transfer Acceptance allows the customer's host computer to notify the telephone company equipment to transfer a call after the call has been delivered to an agent.

Generic Name of ONA Service	Product Name	BSE or CNS
Computer Assisted Call Transfer Acceptance	AM - Computer Assisted Call Transfer Acceptance	BSE

**FEATURE OPERATION:**

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Computer Assisted Call Transfer Acceptance feature accommodates, via the exchange of data messages on the DNAL, the transferring of calls between agents. The calls may be transferred at any time during the interaction with the customer.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.
3. References:

- Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

**Call Redirection Acceptance (2008)**

Call Redirection Acceptance allows the customer's host computer to notify the telephone company equipment to allow the call to complete as dialed or redirect an incoming call to an alternate number within the customer's Automatic Call Distributor (ACD) group prior to the call being accepted by an agent.

Generic Name of ONA Service	Product Name	BSE or CNS
Call Redirection Acceptance	AM - Call Redirection Acceptance	BSE

**FEATURE OPERATION:**

The Dedicated Network Access Link (DNAL) BSA allows simultaneous delivery of voice and data information for incoming and outgoing calls. The Call Redirection Acceptance feature interacts with the agent's host computer which may direct the telephone company equipment, via the exchange of data messages on the DNAL, to deliver an incoming call to an agent selected by the host computer. The host computer could have the capability to simultaneously deliver the calling party's personal data to the agent's computer terminal at the same time the call is delivered to the agent's telephone.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.
3. References:
  - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

**Video Dialtone Broadcast Service Channels (3011)**

A Video Dialtone Service that provides for the transport of video and other programming signals.

Generic Name of ONA Service	Product Name	BSE or CNS
Video Dialtone Broadcast Channels	BA - VDT - Broadcast Channels	BSE

**FEATURE OPERATION:**

Video Dialtone Broadcast Service Channels provides a Programmer-Customer with transport of 6 Mbps MPEG2 formatted digital signals from the Video Distribution Office to all end-user subscribers within the service area.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

For interface publications, see Bell Atlantic Technical Publications TR-72550 and TR-72211.

Also see BroadBand Technologies Technical Publication TESP-0106. Contact information for BroadBand Technologies, Inc.:

BroadBand Technologies, Inc.  
 Suite 150, Triangle Business Center  
 4024 Stirup Creek Drive  
 Durham, NC 27703  
 Post Office Box 13737  
 Research Triangle Park, NC 27709-3737  
 Telephone: 919 544-0015  
 Fax: 919 544-5356

This service is offered where available and facilities permit.

**Video Dialtone Messaging Port (3013)**

A Video Dialtone Service that provides for the transport of video and other programming signals

Generic Name of ONA Service	Product Name	BSE or CNS
Video Dialtone Messaging Port Service Channels	BA - VDT - Messaging Port	BSE

**FEATURE OPERATION:**

Video Dialtone Messaging Port allows the Programmer-Customer to: 1) provide text message overlays on associated broadcast or narrowcast channels; or 2) specify designated broadcast or narrowcast channels that allow individual end-user subscribers to initiate interactive text sessions.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

For interface publications, see Bell Atlantic Technical Publications TR-72550 and TR-72211.

This service is offered where available and facilities permit.

**Video Dialtone Narrowcast Service Channels (3012)**

A Video Dialtone Service that provides for the transport of video and other programming signals.

Generic Name of ONA Service	Product Name	BS or CNS
Video Dialtone Narrowcast Service Channels	BA - VDT - Narrowcast Service Channels	BSE

**FEATURE OPERATION:**

Video Dialtone Narrowcast Service Channels provides a Programmer-Customer with transport of 6 Mbps MPEG2 formatted digital signals from the Video Distribution Office to end-user subscribers located in cells selected by the Programmer-Customer.

**TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:**

For interface publications, see Bell Atlantic Technical Publications TR-72550 and TR-72211.

Also see BroadBand Technologies Technical Publication TESP-0106. Contact information for BroadBand Technologies, Inc.:

BroadBand Technologies, Inc.  
 Suite 150, Triangle Business Center  
 4024 Stirup Creek Drive  
 Durham, NC 27703  
 Post Office Box 13737  
 Research Triangle Park, NC 27709-3737  
 Telephone: 919 544-0015  
 Fax: 919 544-5356

This service is offered where available and facilities permit.



## **APPENDIX 2**

**January 31, 2001**

Updated 1/31/01

APPENDIX 2: BOC ONA CONTACTS

<b>Regional Company</b>	<b>Name Address</b>	<b>Phone</b>
<b>Ameritech Services, Inc.</b>	<b>ESP Hot Line</b>	<b>800-451-5283</b>
<b>Verizon (Bell Atlantic)</b>	<b>Jerry Simmons 2107 Wilson Blvd. Suite 1100 Arlington, VA 22201</b>	<b>703-351-2961 FAX 703-351-2975 gerald.t.simmons@verizon.com</b>
<b>BellSouth Services</b>	<b>Cindy Ford</b>	<b>404-927-1422</b>
<b>Verizon (NYNEX)</b>	<b>Jerry Simmons 2107 Wilson Blvd. Suite 1100 Arlington, VA 22201</b>	<b>703-351-2961 FAX 703-351-2975 gerald.t.simmons@verizon.com</b>
<b>Pacific Bell</b>	<b>ESP OUTREACH</b>	<b>1-800-300-6230</b>
<b>Southwestern Bell Telephone</b>	<b>Victoria Najera Southwestern Bell Telephone 311 South Akard, Room 1940.01 Dallas, TX 75202-5398</b>	<b>214-858-0660 FAX 214-858-0599 vn2832@txmail.sbc.com</b>
<b>Qwest</b>	<b>Interconnection Service Center</b>	<b>800-544-7126</b>

## **APPENDIX 3**

**January 31, 2001**

## BSA MATRIX – JANUARY 2001

The following report shows the relationship between the Basic Serving Arrangements (BSAs) and the Basic Service Elements (BSEs) included in the ONA Services User Guide Service Description Section issued January 31, 2001. This report was created to respond to a request from the Information Industry Liaison Committee (IILC), documented in IILC Issue #035.

The first matrix is a summary of the first section of the ONA Services User Guide Service Descriptions Section. It lists the generic name for each BSA with each LEC's name for the BSA (if the LEC company is offering it).

The matrices that follow list each of the generic BSA names, with a table entry of "BSA" for each LEC offering it. Then the generic name of each ONA service available with that BSA is listed, with an entry of "BSE" for BSE or "BSA" if the LEC has indicated that the service is available with the BSA but not as a separate BSE option. These matrices do not include the Complementary Network Services (CNS) or any region specific services.

## BSA NAMES &amp; LEC BSA NAME REFERENCES

GENERIC NAME OF BSA	LEC BSA NAME
Category 1, Type A - Circuit Switched Line BSA	AM - Circuit Switched Line BA - Business Individual Line BA - Line Side BSA BS - Voice Grade - Line - Circuit Switched NX - Circuit Switched - Line PB - Access Line Arrangement SWB - Circuit Switched - Line Side Basic Serving Arrangement (BSA-A) Qwest - Voice Grade - Line - Circuit Switched
Category 1, Type B - Circuit Switched Trunk BSA	AM - Circuit Switched Trunk BA - Trunkside BSA - 950 Option BA - Trunkside BSA - 10XXX Option BS - Circuit Switched Trunk - Voice Grade NX - Circuit Switched Trunk PB - Access Trunk Arrangement (950) PB - Access Trunk Arrangement (10XXX) SWB - Circuit Switched - Trunk Side Alternative B BSA (BSA-B) SWB - Circuit Switched - Trunk Side Alternative D BSA (BSA-D) Qwest - Voice Grade - Trunk - Circuit Switched
Category 2, Type A - X.25 Packet Switched BSA	AM - Packet Switched Network Service (X.25) BA - Public Data Network: X.25 BS - PulseLink <sup>®</sup> Packet Switching - X.25 NX - INFOPATH <sup>®</sup> Packet Switching Service PB - Public Packet Switching (X.25) SWB - Packet Switched - MicroLink II <sup>SM</sup> (X.25 Version) Qwest - Packet Switching (X.25)

<sup>®</sup> PulseLink is a registered trademark of BellSouth.

<sup>®</sup> INFOPATH is a registered service mark of NYNEX.

<sup>SM</sup> MicroLink II is a registered service mark of Southwestern Bell Telephone.

GENERIC NAME OF BSA	LEC BSA NAME
Category 2, Type B - X.75 Packet Switched BSA	AM - Packet Switched Network Service (X.75) BA - Public Data Network: X.75 BS - PulseLink® Packet Switching - X.75 NX - INFOPATH® Packet Switching Service PB - Public Packet Switching (X.75) SWB - Packet Switched - MicroLink II <sup>SM</sup> (X.75 Version) Qwest - Packet Switching (X.75)
Category 3, Type A - Dedicated Metallic BSA	BA - Dedicated Metallic NX - Dedicated - Metallic PB - Metallic Service SWB - Special Access - Metallic Qwest - Analog PLS - DCCS
Category 3, Type B - Dedicated Telegraph BSA	BA - Dedicated Telegraph NX - Dedicated - Telegraph Grade PB - Telegraph Grade Service Qwest - Analog PLS - LSDS
Category 3, Type C - Dedicated Voice Grade BSA	AM - Direct Analog BA - Dedicated Voice-Grade BS - Dedicated - Private Line NX - Dedicated - Voice Grade PB - Voice Grade Service SWB - Special Access - Voice Grade Qwest - Analog PLS - VGS

® PulseLink is a registered trademark of BellSouth.

® INFOPATH is a registered service mark of NYNEX.

<sup>SM</sup> MicroLink II is a registered service mark of Southwestern Bell Telephone.

GENERIC NAME OF BSA	LEC BSA NAME
Category 3, Type D - Dedicated Program Audio BSA	AM - Dedicated Program Audio BA - Dedicated Program Audio BS - Dedicated Program Audio NX - Dedicated - Program Audio PB - Program Audio Service SWB - Special Access - Program Audio Qwest - Analog PLS - AS
Category 3, Type E - Dedicated Video BSA	AM - Dedicated Video BA - Dedicated Video Service BS - Dedicated Video NX - Dedicated - Video PB - Video Service SWB - Special Access - Video Qwest - Analog PLS - VS
Category 3, Type F - Dedicated Digital (< 64 kbps) BSA	AM - Ameritech Base Rate Services BA - Digital Data Service BS - SynchroNet® /DDS NX - Dedicated - Digital Data PB - Digital Data Service, Private Line Services SWB - Special Access - MegaLink <sup>SM</sup> Data Qwest - Digital Data Service
Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA	AM - Ameritech DS1 Services BA - High Capacity Digital Service BS - MegaLink® /HiCap NX - Dedicated Digital - 1.544 Mbps PB - High Capacity Services (1.544 Mbps) SWB - Special Access - High Capacity (1.544 Mbps) Qwest - DS1 Service

® SynchroNet is a registered service mark of BellSouth.

<sup>SM</sup> MegaLink is a service mark of Southwestern Bell Telephone.

® MegaLink is a registered service mark of BellSouth.

GENERIC NAME OF BSA	LEC BSA NAME
Category 3, Type H - Dedicated High Capacity Digital (> 1.544 Mbps) BSA	AM - Ameritech DS3 Services BA - High Capacity/Lightwave Service BS - LightGate <sup>®</sup> /HiCap NX - Dedicated - Digital - 45 Mbps PB - High Capacity Services (> 1.544 Mbps) SWB - Special Access - High Capacity MegaLink <sup>SM</sup> Custom Qwest - DS3 Service
Category 3, Type I - Dedicated Alert Transport BSA	BA - REACT <sup>SM</sup> BS - WATCHALERT <sup>®</sup> NX - PULSENET <sup>SM</sup> Alert Transport Service PB - POLLSTAR <sup>SM</sup> DLC Security Transport
Category 3, Type J - Dedicated Derived Channel BSA	BA - Dedicated Derived Channel BS - Derived Data Channel Service NX - DOVPATH <sup>®</sup> Transport Service SWB - DovLink <sup>SM</sup> Qwest - Simultaneous Voice and Data Service
Category 3, Type K - Dedicated Digital (64 kbps) BSA	AM - Ameritech Base Rate Service BA - Digital Data Service 64 Kbs BS - DS-0 Transport Facilities NX - (see NYNEX note 1) <sup>1</sup> Qwest - Digital Data Service - 64 Kbps

<sup>®</sup> LightGate is a registered service mark of BellSouth.

<sup>SM</sup> REACT is a service mark of Bell Atlantic.

<sup>®</sup> WATCHALERT is a registered service mark of BellSouth.

<sup>SM</sup> PULSENET is a service mark of NYNEX.

<sup>SM</sup> POLLSTAR is a service mark of Pacific Bell.

<sup>®</sup> DOVPATH is a registered service mark of NYNEX.

<sup>SM</sup> DovLink is a service mark of Southwestern Bell Telephone.

<sup>1</sup> NYNEX note 1: NYNEX offers 64 Kbps service associated with the Dedicated High Capacity Digital (1.544 Mbps) BSA.



GENERIC NAME OF BSA	LEC BSA NAME
Category 4 - Dedicated Network Access Link BSA	AM - Dedicated Network Access Link AM - Type A-Signal Transfer Point Access (STP) AM - Type B-Circuit Switch Facility Control (CSFC) AM - Type C-Simplified Message Desk Interface (SMDI) AM - Type D-Simplified Message Desk Interface-Expanded (SMDI-E) AM - Type E-Ameritech Reconfiguration Service AM - Type F-Alarm Service AM - Type G-Ameritech Switch to Computer Applications (ASCAI) BA - Dedicated Network Access Link BS - Private Line/Special Access NX - (see NYNEX note 2) <sup>2</sup> PB - Dedicated Network Access Link SWB - Special Access - Metallic SWB - Special Access - Voice Grade SWB - Switched Access Dedicated Network Access Link Qwest - Analog PLS

<sup>2</sup> NYNEX note 2: NYNEX offers dedicated channels for specific network information or network control information as part of the appropriate BSA or BSE that provides the specific capability.